

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

CLAIMS:

Please amend claims 1, 14, 17-27, 29-32, and 36-42, as follows:

1. (Currently Amended) An avionics device, comprising;
 - a processor;
 - a memory in communication with the processor;
 - a receiver to receive radio signals from a remote transmitter, wherein said radio signals include digital data representing update information, the update information including updates to software rather than just data; and
 - wherein the device can update information resident on the device based upon the update information received.
2. (Original) The device of claim 1, wherein the device can update global positioning system application software resident on the device.
3. (Original) The device of claim 2, wherein the device can update navigational data resident on the device.

4. (Original) The device of claim 3, wherein the device can update navaid data resident on the device.
5. (Original) The device of claim 1, wherein the device can update operating system information resident on the device.
6. (Original) The device of claim 1, wherein the receiver can receive radio frequencies in the range of 2300 and 2400 MHz.
7. (Original) The device of claim 1, wherein the receiver can receive radio frequencies in the range of 500 and 1500 MHz.
8. (Original) The device of claim 1, wherein the receiver includes an ADS-B receiver.
9. (Original) The device of claim 1, wherein the receiver includes a UAT datalink receiver.

10. (Original) An aviation navigation system, comprising;
 - a remote transmitter for transmitting, via a radio signal, digital data indicative of software;
 - a receiver to receive the radio signal; and
 - a relay means operable to relay the radio signal to the receiver; and
 - an avionics device in communication with the receiver and operable to store the software on the device.
11. (Original) The system of claim 10, wherein the relay means includes a transceiver positioned on the satellite.
12. (Original) The system of claim 10, wherein the relay means includes a transceiver positioned on a land based structure.
13. (Original) The system of claim 10, wherein the receiver includes a receiver that is located remotely from the avionics device.
14. (Currently Amended) The system of claim 10, wherein the ~~update information~~ software includes update navigational application information.

15. (Original) The system of claim 10, wherein the receiver includes an ADS-B receiver.

16. (Original) The system of claim 10, wherein the receiver includes a UAT datalink receiver.

17. (Currently Amended) A method for receiving data updates with an avionics device, comprising:

receiving update information in the form of digital data, via a radio signal from a remote transmitter, with an avionics device;

interpreting the signal to identify information to be updated; and

updating existing ~~information~~ software resident on the avionics device with the update information.

18. (Currently Amended) The method of claim 17, wherein said receiving [[a]] said radio signal from a remote transmitter includes receiving a radio signal transmitted from a satellite.

19. (Currently Amended) The method of claim 17, wherein said receiving [[a]] said radio signal from a remote transmitter includes receiving a radio signal transmitted from a land based remote transmitter.

20. (Currently Amended) The method of claim 17, wherein said receiving update information includes receiving information updating geographic terrain map data.

21. (Currently Amended) The method of claim 17, wherein said receiving update information includes receiving information updating navaid map data.

22. (Currently Amended) The method of claim 17, wherein said receiving update information includes receiving information updating airport map data.

23. (Currently Amended) The method of claim 17, wherein said receiving update information includes receiving information updating avionics device operating system data.

24. (Currently Amended) The method of claim 17, wherein said receiving update information includes receiving information updating global positioning system data.

25. (Currently Amended) The method of claim 17, wherein said receiving update information includes receiving information with an ADS-B receiver.

26. (Currently Amended) The method of claim 17, wherein said receiving update information includes receiving information with a UAT datalink receiver.

27. (Currently Amended) A method for delivering data updates to an avionics device, comprising:

identifying information to be transmitted as an update to [[an]] said avionics device;

packaging the information for transmission; and

transmitting a radio signal via a remote transmitter having packaged update information therein to a number of avionics devices, thereby updating software resident on the avionics devices.

28. (Original) The method of claim 27, wherein the method further includes providing an authorization code for accessing the radio signal.

29. (Currently Amended) The method of claim 28, wherein said providing [[an]] said authorization code includes providing an authorization code to [[the]] an avionics device that allows the avionics device to receive the update information.

30. (Currently Amended) The method of claim 29, wherein said providing [[an]] said authorization code includes providing an authorization code within the radio signal that allows the avionics device to receive the update information.

31. (Currently Amended) The method of claim 28, wherein said providing [[an]] said authorization code includes providing an authorization code to the device that allows the remote transmitter to transmit the update information.

32. (Currently Amended) The method of claim 27, wherein said transmitting [[a]] said radio signal having update information therein includes transmitting a radio signal at a private frequency restricted to devices authorized to access the private frequency.

33. (Original) The method of claim 27, wherein the method further includes receiving the radio signal with an ADS-B receiver.

34. (Original) The method of claim 27, wherein the method further includes receiving the radio signal with a UAT datalink receiver.

35. (Original) A computer readable medium having a set of computer readable instructions, the set of computer readable instructions comprising instructions for:
receiving data, in the form of a radio signal from a remote transmitter, at an avionics device; and
interpreting the data to update the executable instructions on the avionics device.

36. (Currently Amended) The computer readable medium of claim 35, wherein said receiving data includes receiving software.

37. (Currently Amended) The computer readable medium of claim 36, wherein said receiving software includes receiving application software.

38. (Currently Amended) The computer readable medium of claim 35, wherein said receiving data includes receiving update information.

39. (Currently Amended) The computer readable medium of claim 35, wherein said receiving data includes receiving data in the form of radio signals transmitted in radio frequencies in the range of 2300 and 2400 MHz.

40. (Currently Amended) The computer readable medium of claim 35, wherein said receiving data includes receiving data in the form of radio signals transmitted in radio frequencies in the range of 500 and 1500 MHz.

41. (Currently Amended) The computer readable medium of claim 35, wherein said receiving data includes receiving data with an ADS-B receiver.

Application No. 10/722,303
Amendment dated August 23, 2006
Reply to Office Action of May 31, 2006

42. (Currently Amended) The computer readable medium of claim 35, wherein said receiving data includes receiving data with a UAT datalink receiver.